

NUMBER	DIRECTION	DISTANCE
L1	N 88°32′18″ W	287.12′
L2	N 01°27′42″ E	10.81′
L3	N 88°32′18″ W	50.00′
L4	S 84°18′03″ W	287.24′
L5	N 03°23′23″ E	308,94′
L6	N 03.53.53. E	51.82′
L7	N 03°23′23″ E	291.31′
L8	N 01°27′42″ E	294.39′
L9	N 01°27′42″ E	295.00′
L10	N 01°27′42″ E	295.00′
L11	N 01°27′42″ E	295.00′
L12	N 01°27′42″ E	295.00′
L13	N 01°27′42″ E	295.00′
L14	N 01°27′42″ E	295.00′
L15	N 01°27′42″ E	295.00′
L16	N 01°27′42″ E	295,00′
L17	N 01°27′42″ E	295.00′
L18	N 01°27′42″ E	295.00′
L19	N 01°27′42″ E	295.00′
L20	N 18°47′38″ E	317.95′
L21	N 36°31′59″ E	423.44′
L22	N 52*54'40" E	420.58′
L23	N 70°42′36″ E	302.57′
L24	N 01°27′42″ E	295.00′
L25	N 01°27′42″ E	295.00′
L26	N 01°27′42″ E	295.00′
L27	N 01°27′42″ E	295.00′
		295.00
L28		
L29	N 01°27′42″ E	295.00′
L30	N 01°27′42″ E	295.00′
L31	N 01°27′42″ E	295.00′
L32	N 01°27′42″ E	295,00′
L33	N 01°27′42″ E	295.00′
L34	N 01°27′42″ E	295.00′
L35	N 01°27′42″ E	295.00′
L36	N 01°27′42″ E	295.57′
L37	N 01°27′42″ E	295.00′
L38	N 01°27′42″ E	295,00′
L39	N 01°27′42″ E	295.00′
L40	N 01°27′42″ E	291.70′
L41	N 01°27′42″ E	291.70′
L42	N 01°27′42″ E	291.70′
L43	S 88°32′18″ E	14.51′
L44	S 03°22′15″ W	60.03′
L45	S 01°27′42″ W	295.00′
L46	S 01°27′42″ W	291.70′
L47	S 88°32′18″ E	173.86′
L48	S 88°32′18″ E	150.00′
L49	S 88°32′18″ E	150.00′
	•	
L50		150.00′
L51	S 88°32′18″ E	150.00′
L52	S 88*32′18″ E	150.00′
L53	S 88°32′18″ E	150.00′
L54	S 88°32′18″ E	150.00′
L55	S 88°32′18″ E	150.00′
L56	S 88°32′18″ E	300.00′
L57		
		150.00′
L58	S 88°32′18″ E	150.00′
	S 88°32′18″ E	203.63′
L59		
L59 L60	S 88°32′18″ E S 88°32′18″ E	247.64′

	T	1
NUMBER	DIRECTION	DISTANCE
L62	S 01°00′13″ W	158.87′
L63	S 01°00′13″ W	251.66′
L64	S 01°00′13″ W	214.48′
L65	N 88°32′18″ W	277.12′
L66	N 88°32′18″ W	156.75′
L67	N 88°32′18″ W	150.00′
L68	N 88*32′18″ W	150.00′
L69	N 88°32′18″ W	150.00′
L70	N 88°32′18″ W	150.00′
L71	N 88*32′18″ W	150.00′
L72	N 88°32′18″ W	150.00′
L73	N 88°32′18″ W	150.00′
L74	N 88°32′18″ W	150.00′
L75	N 88°32′18″ W	150.00′
L76	N 88°32′18″ W	150.00′
L77	N 88°32′18″ W	150.00′
L78		
		195.74′
L79	S 88°32′18″ E S 88°32′18″ E	115.62′
L80		150.00′
L81	S 88°32′18″ E	150.00′
L82	S 88°32′18″ E	150.00′
L83	S 88°32′18″ E	150.00′
L84	S 88°32′18″ E	150.00′
L85	S 88°32′18″ E	150.00′
L86	S 88°32′18″ E	150.00′
L87	S 88*32′18″ E	150.00′
L88	S 88°32′18″ E	150.00′
L89	S 88°32′18″ E	150.00′
L90	S 88°32′18″ E	156,75′
L91	S 88°32′18″ E	30.00′
L92	N 88°32′18″ W	36.75′
L93	N 88°32′18″ W	150.00′
L94	N 88°32′18″ W	150.00′
L95	N 88°32′18″ W	300.00′
L96	N 88°32′18″ W	150.00′
L97	N 88°32′18″ W	150.00′
L98	N 88°32′18″ W	150.00′
L99	N 88*32′18″ W	150.00′
L100	N 88*32′18″ W	150.00′
L101	N 88°32′18″ W	150.00′
L102	N 88°32′18″ W	150.00′
L103	N 88°32′18″ W	115,61′
L104	S 88°32′18″ E	150.00′
L105	S 88°32′18″ E	150.00′
L106	S 88°32′18″ E	150.00′
L107	S 88°32′18″ E	150.00′
L108	N 88°32′18″ W	150.00′
L109		
L110		150.00′
		150.00′
L111		150.00′
L112	N 88°32′18″ W	162.51′
L113	N 88°32′18″ W	150.00′
L114	N 88°32′18″ W	150.00′
L115	N 88°32′18″ W	150.00′
L116	N 88°32′18″ W	162.51′
L117	N 88°32′18″ W	150.00′
L118	N 88°32′18″ W	150.00′
L119	N 88°32′18″ W	150.00′
L120	S 88*32′18″ E	5.00′
L121	N 01°27′42″ E	9.82′
L122	N 01°27′42″ E	9.19′

			T			
NUMBER	DELTA ANGLE	CHORD DIRECTION	TANGENT	RADIUS	ARC LENGTH	CHORD LENGTH
C1	C.A.=05°43′29″	CH. BRG.=N 85°40′34″ W	T=51.50′	R=1030.00'	L=102.91'	CH=102.87'
C2	C.A.=07°54′42″	CH. BRG.=N 86°46′10″ W	T=58.75′	R=849.54′	L=117.31′	CH=117.22'
C3	C.A.=07°38′23″	CH. BRG.=S 86°38′01″ E	T=60.73'	R=909.54'	L=121.28'	CH=121.19'
C4	C.A.=05°43′29″	CH. BRG.=S 85°40′34″ E	T=48.50'	R=970.00′	L=96.92'	CH=96.88'
C5	C.A.=90°00′00"	CH. BRG.=S 43°32′18″ E	T=310.00'	R=310.00'	L=486.95'	CH=438.41'
C6	C.A.=90°00′01″	CH. BRG.=S 43°32′18″ E	T=250.00'	R=250.00'	L=392.70'	CH=353.55'
C7	C.A.=11°35′23″	CH. BRG.=S 83°30′14″ W	T=86.72'	R=854.54′	L=172.86'	CH=172.56'
C8	C.A.=10°55′45″	CH. BRG.=N 84*03'38" E	T=86.53'	R=904.54'	L=172.54'	CH=172.28'
C9	C.A.=16°21′02"	CH. BRG.=N 06°42′49″ W	T=44.54'	R=310.00'	L=88.47'	CH=88.17'
C10	C.A.=20°03′48″	CH. BRG.=N 24*55'15" W	T=54.84'	R=310.00'	L=108.55′	CH=108.00'
C11	C.A.=20°03′48″	CH. BRG.=N 44*59'03" W	T=54.84'	R=310.00'	L=108.55′	CH=108.00'
C12	C.A.=20°03′48″	CH. BRG.=N 65°02′52″ W	T=54.84'	R=310.00'	L=108.55′	CH=108.00'
C13	C.A.=13°27′32"	CH. BRG.=N 81°48′32″ W	T=36.58'	R=310.00'	L=72.82'	CH=72.65'
C14	C.A.=02°01′54″	CH. BRG.=N 87°31′21″ W	T=17.20'	R=970.00'	L=34.39'	CH=34.39'
C15	C.A.=03°41′35″	CH. BRG.=N 84°39′37″ W	T=31.27'	R=970.00′	L=62,52'	CH=62.51'
C16	C.A.=01°54′47″	CH. BRG.=N 87°34′54″ W	T=17.20'	R=1030.00′	L=34.39'	CH=34.39'
C17	C.A.=03°48′42″	CH. BRG.=N 84*43'10" W	T=34.27'	R=1030.00′	L=68.52'	CH=68.51'

## SETBACK LINES:

25' BUILDING SET BACK LINES ON ALL ROAD FRONTAGE LOT LINES & 10' BUILDING SET BACK LINES ON ALL SIDE AND REAR LOT LINES EXCEPT AS SHOWN HEREON.

ACCORDING TO FEMA MAP NO. 48085C0455 J, DATED 6-2-2009 COLINA CREEK ESTATES, PHASE 6 IS NOT IN THE 100 YEAR FLOOD PLAIN.

BEARING BASE: NORTH LINE OF 367.73 ACRE TRACT RECORDED IN VOLUME 5574, PAGE 7602

CONTROLLING MONUMENTS: 1/2-INCH IRON PIN SET AT NORTHEAST CORNER OF SAID 367.73 ACRE TRACT AND 60D NAIL SET IN SOUTH LINE OF LOT 13 OF CEDAR VISTA ADDITION RECORDED IN VOLUME L, PAGE 667 COLLIN COUNTY PLAT RECORDS AND ARE SHOWN ON THIS PLAT;

1/2-INCH IRON PINS SET AT ALL LOT CORNERS UNLESS OTHERWISE STATED

- ➤ All lots must utilize alternative type On—Site Sewage Facilities.
- ➤ Must maintain state—mandated setback of all On—Site Sewage Facility
- components from any/all easements and drainage areas, water distribution lines, sharp breaks and/or creeks/rivers/ponds, etc. (Per State regulations). No variances will be granted for setbacks or for OSSF reduction.
- o Lots have 15' drainage easements and 10' electrical easements along the streetside property lines, 10' drainage easements along the rear property lines and 5' lot to lot drainage easements along all other property lines to which OSSF setbacks will apply.
- o Lot 94 has a large (140') drainage easement and pond on the northern half of the property to which OSSF setbacks will apply. Careful pre-planning is recommended for lot 94.
- ➤ There are no easements other than those noted above.
- ➤ There were no permitted/approved existing structures with associated OSSF(s) on lot at the time of approval. Any existing structures or OSSFs on lots must be reviewed and permitted by Collin County Development Services prior to any use.
- ➤ Tree removal and/or grading for OSSF may be required on individual lots.
- There are no water wells noted in this subdivision and no water wells are allowed without prior approval from Collin County Development Services.
- ➤ Each lot is limited to a maximum of 5,000 gallons of treated/disposed sewage each day.
- ▶ Individual site evaluations and OSSF design plans (meeting all State and County requirements) must be submitted to and approved by Collin County for each lot prior to construction of any OSSF system.

## Health Department Certification:

I, as a representative of Collin County Development Services, do hereby certify that the on-site sewage facilities described on this plat conform to the applicable OSSF laws of the State of Texas, that site evaluations have been submitted representing the site conditions in the area in which on-site sewage facilities are planned to be used.

## Designated Representative for Collin County Development Services

	CULVERT TABLE					
LOT NO.	DRAINAGE AREA (AC.)	TOTAL FLOW Q <sub>8</sub> (CFS)	CULVERT SIZE	AREAS CONTRIBUTING TO CULVERT		
87	4.29	1.3	1-15" CMP	DA-1		
88	4.18	2.7	1-15" CMP	DA-1 ~ DA-2		
89	4.07	5.6	1-15" CMP	DA-1 ~ DA-3		
90	3.96	7.2	1-18" CMP	DA-1 ~ DA-4		
91	3.85	8.7	1-18" CMP	DA-1 ~ DA-5		
92	3.74	10.9	1-21" CMP	DA-1 ~ DA-6		
93	3.25	12.1	1-21" CMP	DA-1 ~ DA-7		
94	1.42	2.2	1-15" CMP	DA-8 ~ DA-17		
96	6.39	1.8	1-15" CMP	DA-9 ~ DA-17		
97	2.45	1.6	1-15" CMP	DA-10 ~ DA-17		
98	1.56	1.4	1-15" CMP	DA-11 ~ DA-17		
99	1.14	1.2	1-15" CMP	DA-12 ~ DA-17		
100	1.04	1.0	1-15" CMP	DA-13 ~ DA-17		
101	0.94	8.0	1-15" CMP	DA-14 ~ DA-17		
102	0.84	0.6	1-15" CMP	DA-15 ~ DA-17		
103	0.74	0.4	1-15" CMP	DA-16 ~ DA-17		
104	0.64	0.2	1-15" CMP	DA-17		

OT NO.	DRAINAGE AREA (AC.)	TOTAL FLOW Q <sub>5</sub> (CFS)	CULVERT SIZE	AREAS CONTRIBUTING TO CULVERT
105	4.29	0.4	1-15" CMP	DA-18
106	4.18	0.7	1-15" CMP	DA-18 ~ DA-19
107	4.07	1.0	1-15" CMP	DA-18 ~ DA-20
108	3.96	1.6	1-15" CMP	DA-18 ~ DA-21
109	3.85	2.2	1-15" CMP	DA-18 ~ DA-22
110	3.74	2.7	1-15" CMP	DA-18 ~ DA-23
111	3.25	3.0	1-15" CMP	DA-18 ~ DA-24
112	1.42	4.1	1-15" CMP	DA-18 ~ DA-25
113	6.39	5.0	1-15" CMP	DA-18 ~ DA-26
114	2.45	9.3	1-18" CMP	DA-18 ~ DA-27
115	1.56	10.0	1-21" CMP	DA-18 ~ DA-28
116	1.14	1.1	1-15" CMP	DA-29
117	1.04	2.1	1-15" CMP	DA-29 ~ DA-30
118	0.94	3.4	1-15" CMP	DA-29 ~ DA-31

STANDARD PLAT NOTES: 1. Mail boxes shall meet USPS specifications.

2. Driveway connections must meet Collin County specifications.

3. All roadway signs shall meet Collin County specifications.

4. Collin County will only maintain street signs and poles with materials currently approved and in use by **Collin County Public Works.** 

5. Collin County does not, and will not accept street lights for maintenance or operation.

6. A road dedicated to the public may not be obstructed, including by means of a gate.

7. Blocking the flow of water, constructing improvements in drainage easements, and filling or obstruction of the floodway is prohibited.

8. The existing creeks or drainage channels traversing along or across the subdivision will remain as open channels and will be maintained by individual owners of the lot or lots that are traversed by or adjacent to the drainage course along or across said lots.

9. Collin County will not be responsible for the maintenance and operation of said drainage ways or for the control of erosion in said drainage ways.

10. Collin County will not be responsible for any damage, personal injury or loss of life or property occasioned by flooding or flooding conditions.

11. All surface drainage easements shall be kept clear of buildings, foundations, structures, plantings, and other obstructions to the operation, access and maintenance of the drainage facility.

12. Fences and utility appurtenances may be placed within the 100-yr drainage easement provided they

are placed outside the design-yr floodplains, as shown on the plat. 13. All necessary Collin County authorizations (i.e. OSSF, flood plain permits, etc.) are required for

building construction, on-site sewage facilities, and driveway culverts.

14. All private driveway tie-ins to a County maintained roadway, or roadway with expectations of being accepted into the County roadway network, must be even with the existing driving surface.

15. The finish floor elevations of all house pads shall be at least 18" above the highest elevation of the surrounding ground around the house after final grading and two feet (2') above the 100-yr base flood

16. Except for ditches that are adjacent to Roadways and/or culverts and other improvements that are a part of a Roadway, the County generally will not accept drainage improvements for maintenance, including retention and detention ponds. Therefore, the Applicant must provide for this work to be done either by way of an HOA; by providing in the Deed Restrictions that each lot owner is responsible for maintaining the portions of the drainage improvements on or adjacent to their lot; or other method.

17. Individual lots in a Subdivision are considered part of a larger common plan of development, regardless of when construction activity takes place on that lot in relation to the other lots, and are required to have BMP's and comply with the Construction General Permit.

18. The Developer, Contractor, or Builder of any structure on a single lot in a developing subdivision shall prepare an SW3P and submit to the Director of Engineering prior to receiving any permits.

CULVERT TABLE				
LOT NO.	DRAINAGE AREA (AC.)	TOTAL FLOW Q <sub>5</sub> (CFS)	CULVERT SIZE	AREAS CONTRIBUTING TO CULVERT
150	4.29	0.3	1-15" CMP	DA-32
151	4.18	0.5	1-15" CMP	DA-32 ~ DA-33
152	4.07	0.7	1-15" CMP	DA-32 ~ DA-34
153	3.96	5.8	1-15" CMP	DA-32 ~ DA-35
179	3.85	9.0	1-18" CMP	DA-36
180	3.74	9.5	1-18" CMP	DA-36 ~ DA-37
181	3.25	11.7	1-21" CMP	DA-36 ~ DA-38
182	1.42	12.3	1-21" CMP	DA-36 ~ DA-39

DRIVEWAY CULVERTS CALCULATED AND SIZED BY:

Eric Jeske, PE Kimley-Horn 260 É. Davis Street McKinney, Texas 75069

OWNER: 547 LAND DEVELOPMENT LLC 1616 PECAN POINT DRIVE MCKINNEY, TEXAS 75072

SURVEYOR: BRUCE GEER, R.P.L.S. NO. 4117 1101 WEST UNIVERSITY DRIVE(U.S. HIGHWAY 380) MCKINNEY, TEXAS 75069 PHONE 972-562-3959 FAX 972-542-5751

> FIRM: BRUCE GEER, SURVEYOR FIRM REGISTRATION # 10150700

FINAL PLAT COLINA CREEK ESTATES

PHASE 6 AN ADDITION TO COLLIN COUNTY, TEXAS 38.840 ACRES(TRACT 1) + 9.010 ACRES(TRACT 2)R. TRAMMELL SURVEY, ABSTRACT NO. 889 COLLIN COUNTY, TEXAS

DATE: MAY 11, 2021